

A new Proturan species from Styria

Acerentomon pseudomicrorhinus sp. n.

by

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With 10 figures

ABSTRACT

The new species *Acerentomon pseudomicrorhinus* sp. n. is characterized with long foretarsal sensilla *s* and relatively short and broad sensillae *a* and *b* on the exterior side of foretarsus.

Acerentomon pseudomicrorhinus sp. n.

Fig. A-J

Holotype: ♀ from Arzberggraben bei Übelbach (Styria), beech forest, in a sample taken from humus soil 3.5.1957, Dr. R. Schuster leg.

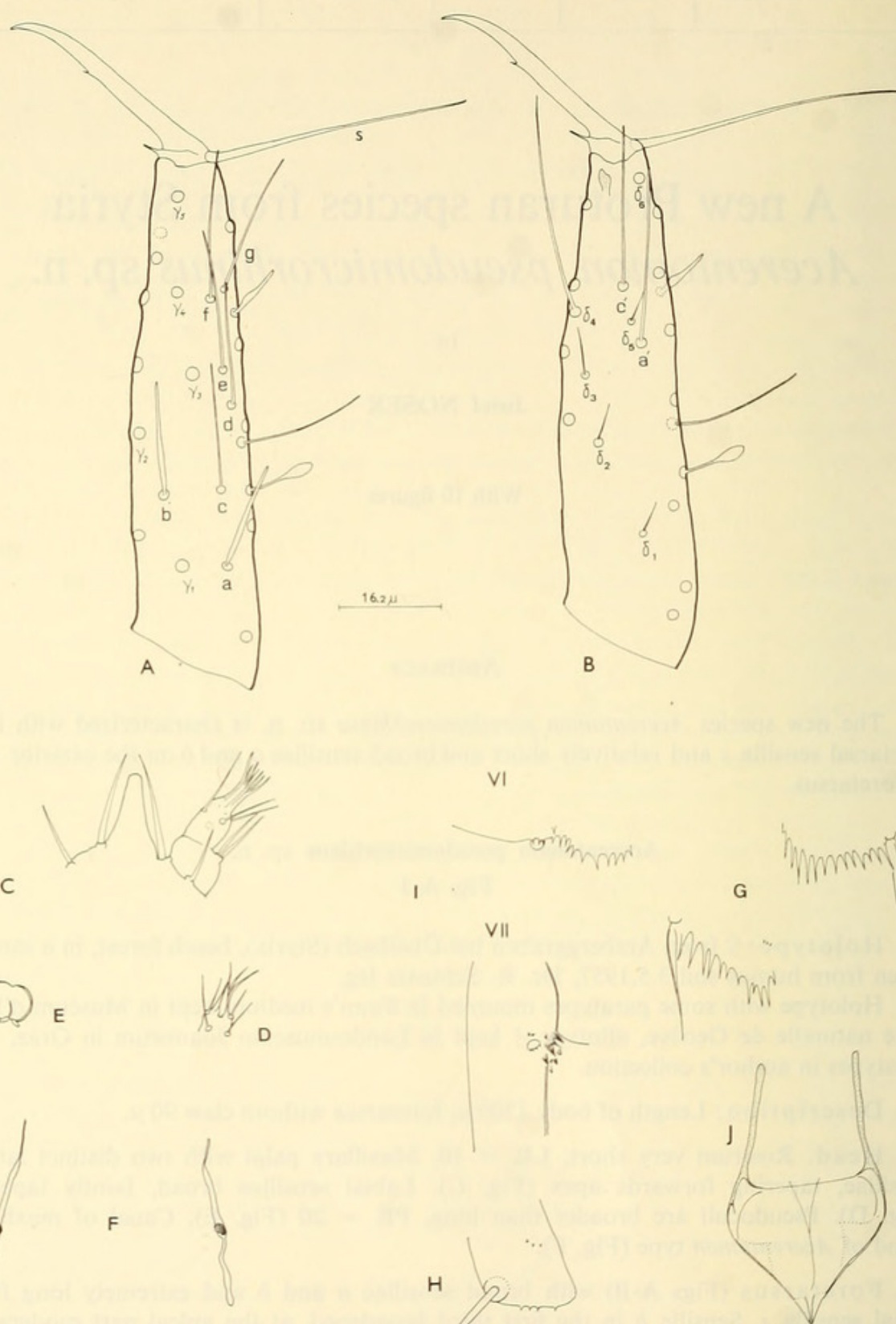
Holotype with some paratypes mounted in Swan's medium kept in Muséum d'Histoire naturelle de Genève, allotype ♂ kept in Landesmuseum Joanneum in Graz, two paratypes in author's collection.

Description: Length of body 1300 μ , foretarsus without claw 90 μ .

Head. Rostrum very short, LR = 10. Maxillary palpi with two distinct lateral sensillae, tapering forwards apex (Fig. C). Labial sensillae broad, faintly tapering (Fig. D). Pseudoculi are broader than long, PR = 20 (Fig. E). Canal of maxillary gland of *Acerentomon* type (Fig. F).

Foretarsus (Figs A-B) with broad sensillae *a* and *b* and extremely long foretarsal sensilla *s*. Sensilla *b* in the first third broadened, at the apical part moderately attenuated, reaching γ_3 . The ratio of sensillae on the exterior side of foretarsus *a:b:c:d:e:f:g* as 32.5:33:37:36:42:44:44; on interior side *a':c'* as 52:48. BS = 0.6, TR = 2.3 EU = 0.1.

Abdomen. Comb VIII (Fig. G) with 13-14 irregular teeth. Hind border of pleurite VIII (Fig. H) with 4-7 teeth. Pleural pectines VII and VII strongly developed (Fig. I).



Acerentomon pseudomicrorhinus sp. n. holotype ♀ Figs. A-J: A. Foretarsus in exterior view. — B. Foretarsus in interior view.—C. Rostrum with rostral setae and maxillary palp.—D. Labial palp with sensilla.—E. Pseudoculus.—F. Canal of maxillary gland.—G. Comb VIII.—H. Hind border of pleurite VIII.—I. Pleural pectines VII and VI.—J. Female squama genitalis (Fig. J from another female)

The outer genitalia. Squama genitalis ♂ of *Acerentomon* - type; squama genitalis ♀ (Fig. J) with long pointed acrostyli.

Survey of chaetotaxy in TUXEN's system:

	J	II	III	IV-VI	VII	VIII	IX	X	XI	XII
terg.	6	10	10	10	8	8				
	14	16	16	16	16	15	12	10	4	9
stern.	3	3	5(4)	5	5					
	4	5	5	8	9	4	4	4	4	6

Variability was observed in number of teeth on hind margin of pleuriste VIII and in the chaetotaxy of stern. III.

Affinity. This species is closely related to *Acerentomon microrhinus* Berlese, 1908 but differs from it in the length of foretarsal sensillae. This body mark seems to be constant. Conversely, deviations were observed in the chaetotaxy of stern. III. Derivatio nominis: the species resembling *A. microrhinus* Berl. at first look.

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